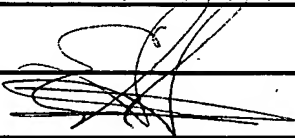
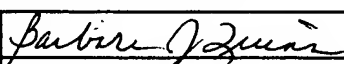


ZFW

TRANSMITTAL FORM FEB 25 2005 (to be used for all correspondence after initial filing)	Application Number	10/689,205
	Filing Date	October 20, 2003
	First Named Inventor	Michael Willsch
	Art Unit	2855
	Examiner Name	Eric Scott McCall
Total Number of Pages in This Submission	Attorney Docket Number	2003P11942US01

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard International Search Report
Remarks A Response to the Office Action bearing a "date mailed" of 12/01/2004 is being filed along with a Supplemental Information Disclosure Statement which includes copies of 3 cited references and the communication from a foreign patent office in which they were first cited.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	SIEMENS		
Signature			
Printed Name	ERIK C. SWANSON		
Date	FEBRUARY 22, 2005	Reg. No.	40,194

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	BARBARA J. QUINN	Date	FEBRUARY 22, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



SIEMENS

PATENT

Attorney Docket No. 2003P11942US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Inventor:	M. Willsch et al.)		
)	Group Art Unit:	2855
Serial No.:	10/689,205)		
)	Examiner:	Eric Scott McCall
Filed:	October 20, 2003)		
Title:	METHOD AND APPARATUS OF MONITORING TEMPERATURE AND STRAIN BY USING FIBER BRAGG GRATING (FBG) SENSORS			

Assistant Commissioner For Patents
Washington, D.C. 20231

Sir:

RESPONSE TO OFFICE ACTION

In response to the Office Action mailed December 01, 2004, Applicants respectfully submit the following amendments and remarks in connection with the above-identified application.